

**Research Fellow (Integrated Photonics)**  
**Nanyang Technological University**

Direct Link: <https://www.AcademicKeys.com/r?job=251862>

Downloaded On: Apr. 22, 2025 5:57am

Posted Jan. 20, 2025, set to expire May 22, 2025

<b>Job Title</b>	Research Fellow (Integrated Photonics)
<b>Department</b>	School of Electrical and Electronic Engineering
<b>Institution</b>	Nanyang Technological University Singapore, , Singapore
<b>Date Posted</b>	Jan. 20, 2025
<b>Application Deadline</b>	Open untill filled
<b>Position Start Date</b>	Available Immediately
<b>Job Categories</b>	Research Scientist/Associate
<b>Academic Field(s)</b>	Electrical and/or Electronics Engineering Physics
<b>Apply Online Here</b>	<a href="https://ntu.wd3.myworkdayjobs.com/Careers/job/NTU-Main-Campus-Singapore/Research-Fellow--Integrated-Photonics-_R00019588">https://ntu.wd3.myworkdayjobs.com/Careers/job/NTU-Main-Campus-Singapore/Research-Fellow--Integrated-Photonics-_R00019588</a>

**Apply By Email**

**Job Description**

School of Electrical and Electronic Engineering is one of the founding Schools of the Nanyang Technological University. Built on a culture of excellence, the School is renowned for its high academic standards and research. With over 3,000 undergraduates students and 1,000 graduate students it is one of the largest EEE schools in the world and ranks 10th in the field of Electrical & Electronic Engineering in the 2024 QS World University Rankings by Subjects.

Today, the School has become one of the world's largest engineering schools that nurtures competent engineers and researchers. Each year, the School graduates over a thousand students who are ready to take on great ambitions and challenges.

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For more details, please view: <https://www.ntu.edu.sg/eee>

Innovative Electronic & Electromagnetic Devices Laboratory (i-Lab@NTU) led by Prof. Mohammad Samizadeh Nikoo is seeking for a research fellow to focus on fabrication, simulation, and characterization of integrated photonics devices.

### **Key Responsibilities:**

The research fellow will focus on the following tasks:

- Design and Simulation of integrated photonics components such as waveguides, grating couplers, etc.
- Micro- and Nano-fabrication of photonics devices in cleanroom environments.
- Experimental characterization of integrated photonics chips.
- Providing general research support to i-Lab.

### **Job Requirements:**

- PhD degree in Electrical Engineering, Physics, or related field
- Research experience in photonics with a strong publication track record
- Expertise in cleanroom nano-fabrication
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Excellent verbal and written communication skills

- Ability to work well in a team

To apply, please send your CV and the contact details of two references.

We regret to inform that only shortlisted candidates will be notified.

**Contact Information**

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

**Contact**

Singapore